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IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Attorney Docket No.: HA-80 (HAL-ID 128)

Appl. No.: 09/442,363

Applicants: Larry PEARLSTEIN, Sharif M. SAZZAD

Filed: November 18, 1999

Title: METHODS AND APPARATUS FOR DECODING IMAGES USING  
DEDICATED HARDWARE CIRCUITRY AND A PROGRAMMABLE  
PROCESSOR

TC/A.U.: 2613

Examiner: Charles E. Parsons

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT

Sir:

In response to the Final Office Action April 22, 2004, which set a period for response to expire on July 22, 2004, please amend the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.

Please type a plus sign (+) inside this box ---> 

Modified PTO/SB/21 (08-00)


Approved for use through 10/31/2002. OMB 0651-0031


U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	<b>Application Number</b>	09/442,363
	<b>Filing Date</b>	November 18, 1999
	<b>First Named Inventor</b>	Larry PEARLSTEIN
	<b>Group Art Unit</b>	2613
	<b>Examiner Name</b>	Charles E. Parsons
<b>Total Number of Pages in This Submission</b>		<b>Attorney Docket Number</b> HA-80 (HAL-ID 128)

ENCLOSURES <i>(check all that apply)</i>		
<input checked="" type="checkbox"/> <b>Fee Transmittal Form</b> <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> <b>Amendment / Reply</b> <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Postcard Receipt <input type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i>
Remarks <span style="border: 1px solid black; display: inline-block; width: 300px; height: 40px; vertical-align: top;"></span>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Michael P. Straub (Reg. No. 36,941)
Signature	
Date	June 22, 2004

CERTIFICATE OF FACSIMILE			
I hereby certify that this correspondence is being facsimile transmitted to the United States Patents and Trademark Office on this date: <span style="border: 1px solid black; padding: 2px;">June 22, 2004</span>			
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Signature		Date	June 22, 2004

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PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2004

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 00.00)

## Complete if Known

Application Number	09/442,363
Filing Date	November 18, 1999
First Named Inventor	Larry PEARLSTEIN
Examiner Name	Charles E. Parsons
Art Unit	2613
Attorney Docket No.	HA-80 (HAL-ID 128)

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None
☒ Deposit Account:
 Deposit  
Account  
Number  
Deposit  
Account  
Name

50-1049

Straub &amp; Pokotylo

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☒ Charge any additional fee(s) due in connection with the filing submitted herewith☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$ 00.00)

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims		-20** =		X		=	
Independent Claims		-3** =		X		=	
Multiple Dependent						=	

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	**Reissue independent claims over original patent	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$ 00.00)

\*\*or number previously paid, if greater, For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(c)	
1806	180	1806	180	Submission of Information Disclosure	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 00.00)

## SUBMITTED BY

Name (Print/Type)	Michael P. Straub	Registration No. (Attorney/Agent)	36,941	Telephone	(732) 542-9070
Signature	<i>Michael P. Straub</i>	Date	June 22, 2004		

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# FACSIMILE COVER SHEET

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To: U.S. Patent and Trademark Office  
Examiner: Charles E. Parsons

Facsimile No.: (703) 872-9306

Telephone No.:

From: Michael P. Straub, Esq.

Date: June 22, 2004

Number of Pages Including Cover: 15

MESSAGE: FORMAL SUBMISSION OF:  
1) Transmittal Form;  
2) Fee Transmittal Form; and  
3) Amendment

Attorney Docket No.: (DMSL)HA-80 (HAL-ID 128)  
Applicant: Larry PEARLSTEIN, Sharif M. SAZZAD  
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HARDWARE CIRCUITRY AND A PROGRAMMABLE PROCESSOR**  
Examiner: Charles E. Parsons  
Group Art Unit: 2613

## CERTIFICATE OF FACSIMILE TRANSMISSION

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Type or print name of person signing certification

Michael P. Straub  
Signature

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